

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/575,701
Source: IFWP
Date Processed by STIC: 4/24/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,701

TIME: 16:33:09

Input Set : A:\FDEHN10.001APC SEQLIST.TXT

Output Set: N:\CRF4\04242006\J575701.raw

4 <110> APPLICANT: Ekberg, Karin
 5 Sima, Anders
 7 <120> TITLE OF INVENTION: THERAPEUTIC APPLICATIONS FOR C-PEPTIDE
 10 <130> FILE REFERENCE: FDEHN10.001APC
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/575,701
 C--> 12 <141> CURRENT FILING DATE: 2006-04-12
 12 <150> PRIOR APPLICATION NUMBER: PCT/GB2004/004341
 13 <151> PRIOR FILING DATE: 2004-10-14
 15 <150> PRIOR APPLICATION NUMBER: GB 0323979.5
 16 <151> PRIOR FILING DATE: 2003-10-13
 18 <160> NUMBER OF SEQ ID NOS: 31
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 31
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Homo sapiens
 27 <400> SEQUENCE: 1
 28 Glu Ala Glu Asp Leu Gln Val Gly Gln Val Glu Leu Gly Gly Gly Pro
 29 1 5 10 15
 30 Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln
 31 20 25 30
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 5
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: C-peptide fragment
 42 <400> SEQUENCE: 2
 43 Glu Gly Ser Leu Gln
 44 1 5
 47 <210> SEQ ID NO: 3
 48 <211> LENGTH: 9
 49 <212> TYPE: PRT
 50 <213> ORGANISM: Artificial Sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: C-peptide fragment
 55 <400> SEQUENCE: 3
 56 Glu Leu Gly Gly Gly Pro Gly Ala Gly
 57 1 5
 60 <210> SEQ ID NO: 4
 61 <211> LENGTH: 4
 62 <212> TYPE: PRT
 63 <213> ORGANISM: Artificial Sequence

P.6

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/575,701

DATE: 04/24/2006

TIME: 16:33:09

Input Set : A:\FDEHN10.001APC SEQLIST.TXT

Output Set: N:\CRF4\04242006\J575701.raw

```

65 <220> FEATURE:
66 <223> OTHER INFORMATION: C-peptide fragment
68 <400> SEQUENCE: 4
69 Glu Leu Gly Gly
70 1
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 6
75 <212> TYPE: PRT
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: C-peptide fragment
81 <400> SEQUENCE: 5
82 Glu Leu Gly Gly Gly Pro
83 1 5
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 5
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: C-peptide fragment
94 <400> SEQUENCE: 6
95 Gly Gly Pro Gly Ala
96 1 5
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 4
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: C-peptide fragment
107 <400> SEQUENCE: 7
108 Gly Ser Leu Gln
109 1
112 <210> SEQ ID NO: 8
113 <211> LENGTH: 12
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: C-peptide fragment
120 <400> SEQUENCE: 8
121 Glu Ala Glu Asp Leu Gln Val Gly Ala Val Glu Leu
122 1 5 10
125 <210> SEQ ID NO: 9
126 <211> LENGTH: 31
127 <212> TYPE: PRT
128 <213> ORGANISM: Pan troglodytes
130 <400> SEQUENCE: 9
131 Glu Ala Glu Asp Leu Gln Val Gly Gln Val Glu Leu Gly Gly Gly Pro
132 1 5 10 15
133 Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln

```

RAW SEQUENCE LISTING

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,701

TIME: 16:33:09

Input Set : A:\FDEHN10.001APC SEQLIST.TXT

Output Set: N:\CRF4\04242006\J575701.raw

```

134          20          25          30
137 <210> SEQ ID NO: 10
138 <211> LENGTH: 29
139 <212> TYPE: PRT
140 <213> ORGANISM: Aotus trivirgatus
142 <400> SEQUENCE: 10
143 Glu Ala Glu Asp Leu Gln Val Gly Gln Val Glu Leu Gly Gly Gly Ser
144 1          5          10          15
145 Ile Thr Gly Ser Leu Pro Pro Leu Glu Gly Pro Met Gln
146          20          25
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 32
151 <212> TYPE: PRT
152 <213> ORGANISM: Macaca fascicularis
154 <400> SEQUENCE: 11
155 Glu Ala Glu Asp Pro Gln Val Gly Gln Val Glu Leu Cys Ser Gly Gly
156 1          5          10          15
157 Pro Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln
158          20          25          30
161 <210> SEQ ID NO: 12
162 <211> LENGTH: 31
163 <212> TYPE: PRT
164 <213> ORGANISM: Cercopithecus aethiops
166 <400> SEQUENCE: 12
167 Glu Ala Glu Asp Pro Gln Val Gly Gln Val Glu Leu Gly Gly Gly Pro
168 1          5          10          15
169 Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Ser Ser Leu Gln
170          20          25          30
173 <210> SEQ ID NO: 13
174 <211> LENGTH: 29
175 <212> TYPE: PRT
176 <213> ORGANISM: Sus sp.
178 <400> SEQUENCE: 13
179 Glu Ala Glu Asn Pro Gln Ala Gly Ala Val Glu Leu Gly Gly Gly Leu
180 1          5          10          15
181 Gly Gly Leu Gln Ala Leu Ala Leu Glu Gly Pro Pro Gln
182          20          25
185 <210> SEQ ID NO: 14
186 <211> LENGTH: 26
187 <212> TYPE: PRT
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Boven C-peptide
193 <400> SEQUENCE: 14
194 Glu Val Glu Gly Pro Gln Val Gly Ala Leu Glu Leu Ala Gly Gly Pro
195 1          5          10          15
196 Gly Ala Gly Gly Leu Glu Gly Pro Pro Gln
197          20          25
200 <210> SEQ ID NO: 15

```

RAW SEQUENCE LISTING

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,701

TIME: 16:33:09

Input Set : A:\FDEHN10.001APC SEQLIST.TXT

Output Set: N:\CRF4\04242006\J575701.raw

```

201 <211> LENGTH: 31
202 <212> TYPE: PRT
203 <213> ORGANISM: Equus sp.
205 <400> SEQUENCE: 15
206 Glu Ala Glu Asp Pro Gln Val Gly Glu Val Glu Leu Gly Gly Gly Pro
207 1 5 10 15
208 Gly Leu Gly Gly Leu Gln Pro Leu Ala Leu Ala Gly Pro Gln Gln
209 20 25 30
212 <210> SEQ ID NO: 16
213 <211> LENGTH: 26
214 <212> TYPE: PRT
215 <213> ORGANISM: Ovis sp.
217 <400> SEQUENCE: 16
218 Glu Val Glu Gly Pro Gln Val Gly Ala Leu Glu Leu Ala Gly Gly Pro
219 1 5 10 15
220 Gly Ala Gly Gly Leu Glu Gly Pro Pro Gln
221 20 25
224 <210> SEQ ID NO: 17
225 <211> LENGTH: 31
226 <212> TYPE: PRT
227 <213> ORGANISM: Canis sp.
229 <400> SEQUENCE: 17
230 Glu Val Glu Asp Leu Gln Val Arg Asp Val Glu Leu Ala Gly Ala Pro
231 1 5 10 15
232 Gly Glu Gly Gly Leu Gln Pro Leu Ala Leu Glu Gly Ala Leu Gln
233 20 25 30
236 <210> SEQ ID NO: 18
237 <211> LENGTH: 30
238 <212> TYPE: PRT
239 <213> ORGANISM: Oryctolagus cuniculus
241 <400> SEQUENCE: 18
242 Glu Val Glu Leu Gln Val Gly Gln Ala Glu Leu Gly Gly Gly Pro Gly
243 1 5 10 15
244 Ala Gly Gly Leu Gln Pro Ser Ala Leu Glu Leu Ala Leu Gln
245 20 25 30
248 <210> SEQ ID NO: 19
249 <211> LENGTH: 29
250 <212> TYPE: PRT
251 <213> ORGANISM: Rattus sp.
253 <400> SEQUENCE: 19
254 Glu Val Glu Asp Pro Gln Tyr Pro Gln Leu Glu Gly Gly Pro Glu Ala
255 1 5 10 15
256 Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Arg Gln
257 20 25
260 <210> SEQ ID NO: 20
261 <211> LENGTH: 31
262 <212> TYPE: PRT
263 <213> ORGANISM: Rattus sp.
265 <400> SEQUENCE: 20

```

RAW SEQUENCE LISTING

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,701

TIME: 16:33:09

Input Set : A:\FDEHN10.001APC SEQLIST.TXT

Output Set: N:\CRF4\04242006\J575701.raw

```

266 Glu Val Glu Asp Pro Gln Val Ala Gln Leu Glu Leu Gly Gly Gly Pro
267   1           5           10           15
268 Gly Ala Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Arg Gln
269           20           25           30
272 <210> SEQ ID NO: 21
273 <211> LENGTH: 31
274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Ins Rodent C-peptide
280 <400> SEQUENCE: 21
281 Glu Val Glu Asp Pro Gln Val Gly Gln Val Glu Leu Gly Ala Gly Pro
282   1           5           10           15
283 Gly Ala Gly Ser Glu Gln Thr Leu Ala Leu Glu Val Ala Arg Gln
284           20           25           30
287 <210> SEQ ID NO: 22
288 <211> LENGTH: 29
289 <212> TYPE: PRT
290 <213> ORGANISM: Mus sp.
292 <400> SEQUENCE: 22
293 Glu Val Glu Asp Pro Gln Val Glu Gln Leu Glu Leu Gly Gly Ser Pro
294   1           5           10           15
295 Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Arg Gln
296           20           25
299 <210> SEQ ID NO: 23
300 <211> LENGTH: 31
301 <212> TYPE: PRT
302 <213> ORGANISM: Mus sp.
304 <400> SEQUENCE: 23
305 Glu Val Glu Asp Pro Gln Val Ala Gln Leu Glu Leu Gly Gly Gly Pro
306   1           5           10           15
307 Gly Ala Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Gln Gln
308           20           25           30
311 <210> SEQ ID NO: 24
312 <211> LENGTH: 31
313 <212> TYPE: PRT
314 <213> ORGANISM: Cavia porcellus
316 <400> SEQUENCE: 24
317 Glu Leu Glu Asp Pro Gln Tyr Glu Gln Thr Glu Leu Gly Met Gly Leu
318   1           5           10           15
319 Gly Ala Gly Gly Leu Gln Pro Leu Ala Leu Glu Met Ala Leu Gln
320           20           25           30
323 <210> SEQ ID NO: 25
324 <211> LENGTH: 31
325 <212> TYPE: PRT
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Crilo C-peptide
331 <400> SEQUENCE: 25

```

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,701

TIME: 16:33:10

Input Set : A:\FDEHN10.001APC SEQLIST.TXT

Output Set: N:\CRF4\04242006\J575701.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:30; Xaa Pos. 27,28

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/575,701**

DATE: 04/24/2006

TIME: 16:33:10

Input Set : **A:\FDEHN10.001APC SEQLIST.TXT**

Output Set: **N:\CRF4\04242006\J575701.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:16